

12/19/01



12-26-01

A

PTO/SB/05 (4-98)

Please type a plus sign (+) in this box ☐

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

Attorney Docket No.: 89.0493

First Named Inventor or Application Identifier: Schrenkel et al.

Title: Production Profile Determination & Modification System

Express Mail Label No.: EV 037 144 087 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and duplicate for fee processing)
2. ☒ Specification [Total Pages: 27]
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed-sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Descriptions of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawings (35 U.S.C. 113) [Total Sheets: 9]
4. Oath or Declaration [Total Pages: 8]
- a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 16 completed)
 - i ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment papers (cover sheet & document(s))
8. ☒ 37 C.F.R. 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/Form 1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ *Small Entity ☐ Statement filed in prior application,
Statement(s) Status is still proper and desired
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐

Other: _____

*NOTE FOR ITEMS 1&13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 c.f.r. 1.28).

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____
Prior application information: Examiner: _____ Group/Art Unit: _____

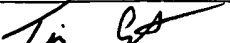
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		(Insert customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
NAME	Tim W. Curington				
	Schlumberger Technology Corporation, Schlumberger Reservoir Completions				
ADDRESS	14910 Airline Road				
	P.O. Box 1590				
CITY	Rosharon	STATE	Texas	ZIP CODE	77583-1590
COUNTRY	U.S.	TELEPHONE	(281) 285-5846	FAX	(281) 285-5537
Name (Print/Type)	Tim W. Curington			Registration No. (Attorney/Agent): 45,944	
Signature				Date: 12/19/01	

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FEE TRANSMITTAL For FY 2001				Complete if Known																																																																																																																																																																					
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.				Application Number																																																																																																																																																																					
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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 50-0457 Deposit Account Name: Schlumberger Technology Corp. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petition to Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>				Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	380	216	190	Extension for response within second month		117	870	217	435	Extension for response within third month		118	1,360	218	680	Extension for response within fourth month		128	1,850	228	925	Extension for response within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,210	241	605	Petition to revive unintentionally abandoned application		142	1,210	242	605	Utility issue fee		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petition to Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment property (times number of properties)		146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
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1003440 " 01452001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schrenkel et al.

Attorney Docket No.: 89.0493

Serial No.:

Art Unit:

Filed:

Examiner:

For: PRODUCTION PROFILE DETERMINATION AND MODIFICATION SYSTEM

Box PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 037 144 087 US in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231.

Joanne Hyland
Joanne Hyland

12/19/01
Date

Joanne C. Hyland
Schlumberger Technology Corporation
14910 Airline Road
Rosharon, Texas 77583-1590

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